

DEPARTMENT OF COMPUTER SCIENCE				CLASS: II B.Sc. Computer Science				
Sem	Course Type	Course Code	Course Title	Credits	Contact Hours/week	CIA	Ext	Total
III & IV	Self Study Paper		Aptitude and Reasoning	2	2	50	50	100

COURSE OBJECTIVES :

This course is designed

- To improve the talents and knowledge to offer an efficient ,objective comparisons while attending the competitive examinations.
- To prepare the students for Having high reasoning skills which will help them in education, workand to maintain interpersonal relationships.

Units	TOPICS	Total Hours: 30 hrs.
Unit -I	Numbers: Classification of numbers – Test of divisibility – Unit digit – HCF and LCM –Progression – Simplification – Averages	6 hrs
Unit-2	Simple interest and compound interest – Problems related to permutation and combination - Percentage	6 hrs
Unit-3	Time and work – Time, Speed and distance – Profit or loss	6 hrs
Unit-4	Reasoning (Analytical and logical): Odd man out – Word series – Number series – Direction test – Blood relationship – Coding and decoding – Seating arrangements	6 hrs
Unit-5	Data sufficiency - Data interpretation	6 hrs

Books for Reference:

1. Dinesh Khattar-The Pearson guide to quantitative aptitude for competitive examinations.
2. Dr. Agarwal.R.S – Quantitative Aptitude for Competitive Examinations, S.Chand and Company Limited
3. Dr. Agarwal.R.S - A ModernApproach to Logical Reasoning, S Chand & Co,
4. Edgar Thrope, Test Of Reasoning for Competitive Examinations, Tata Mcgraw Hill, 4th Edition

Web Resources:

1. <http://fw.freshersworld.com/placementweek/papers.asp>
2. <https://www.youtube.com/watch?v=UceRXH7PXGE&list=PLXjJ5c4vskp6yidDJsNttEQwng8tu6Lo>
3. <https://www.youtube.com/watch?v=5O6ZnVoqwI4&list=PLG4bwc5fquzgfMh4YFDnv7fttM0RIKiUQ>